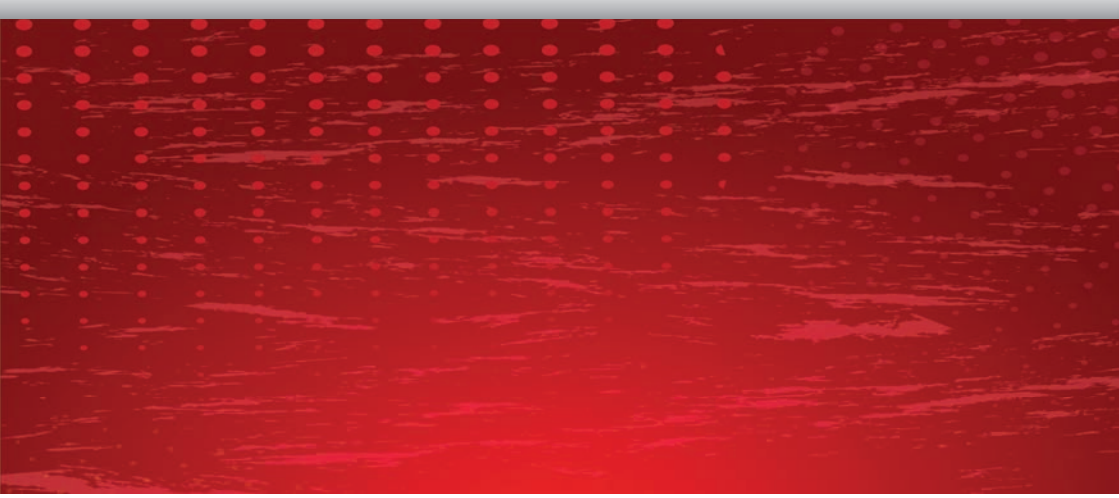
Z-E3715

CAR SPECIFIC NAVICEIVER FOR FIAT VEHICLES



DEVICE USER MANUAL

ZENEC

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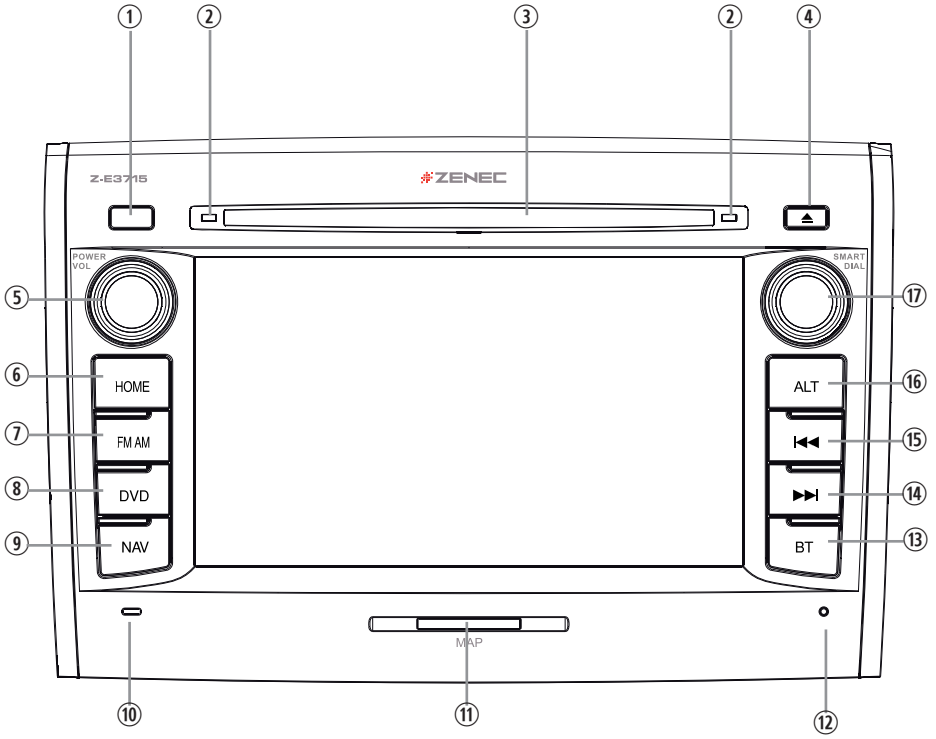
* NAVIGATION MANUAL IS SEPARATE.

SAFETY INSTRUCTIONS

1. Read these instructions entirely.
2. Keep these instructions within reach. Whoever uses the unit should have access to this manual.
3. Heed all warnings. Follow the instructions.
4. This unit is designed to be used in a vehicle with 12V DC battery and negative ground.
5. Do not operate the unit in any other way than described in this manual. Failure to follow the instructions within this manual may void your warranty.
6. Do not disassemble or alter the unit in any way, because it will void your warranty. Do not attempt to repair or to service the unit yourself, but contact an authorized ZENEC dealer instead.
7. Use only original accessories which are designed and manufactured for the unit, otherwise you will risk damage. Install the unit according to the mounting manual, using the supplied mounting accessories. The forces of acceleration upon accidents are sometimes huge. Incorrect mounted units are a big risk for the driver and the car passengers.
8. Protect the unit from water and other liquids, which can enter the casing. A short circuit or even fire could result.
9. To prevent a short circuit, never insert or stick any metallic objects (such as coins or metal tools) into the unit.
10. Before you replace a defective fuse, try to find the cause for the short circuit. Please pay attention to the cables of the power supply! If the short circuit doesn't result from a failure of the power supply or wiring, you can replace the defective fuse with a new one (same values). If the short-circuit is still present, please contact an authorized ZENEC dealer.
11. When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.
12. Be careful not to drain the car battery while using the unit when the car engine is turned off. Because the unit uses a considerable amount of energy and the battery will be charged only while the engine is running, it might happen that the battery will discharge to a point where it's not longer possible to start the engine.
13. According to the law in different European countries, driving with monitors which are showing moving pictures, except navigation system use, in the viewing range of the driver is not allowed because the driver might be distracted from traffic. Please respect the traffic regulations of your country, or you might face penalties in case of an accident or even loose insurance coverage. Please pay attention to the volume inside your vehicle, because you are obliged to notice exterior sounds like police sirens etc.
14. Don't expose the unit to hard impacts. A mechanical or electrical malfunction of the unit could be the result.
15. Should any problems or questions occur during installation, please consult your ZENEC dealer/ importer.
16. This unit utilizes a class 1 laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure to coherent light. Do not open covers and do not repair yourself. Refer servicing to qualified personnel.

FRONT PANEL BUTTONS



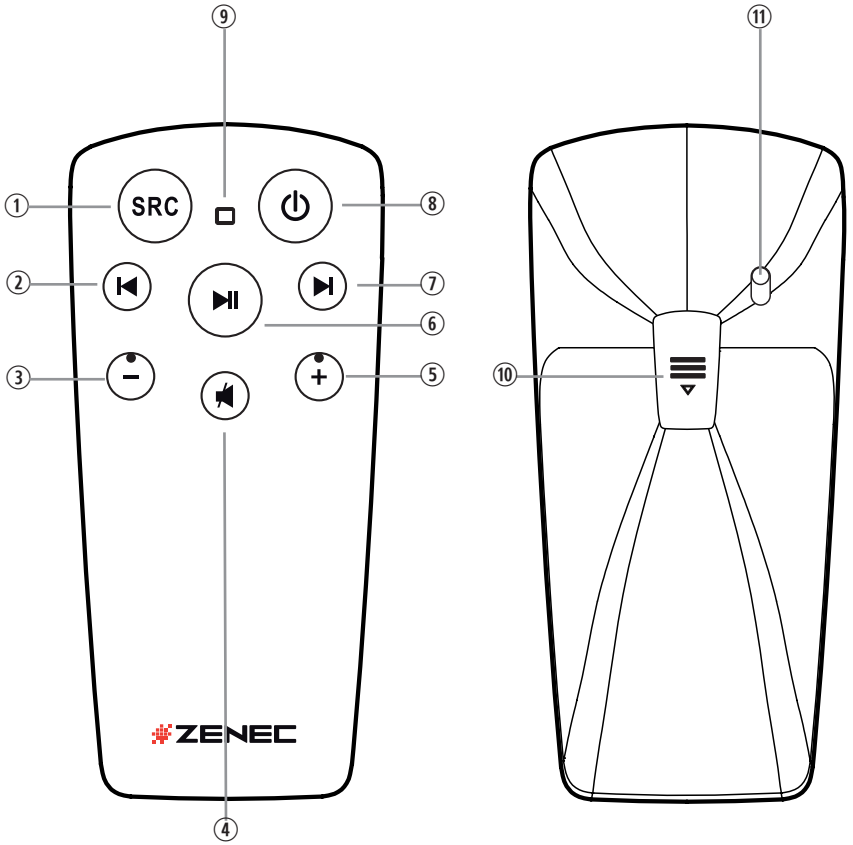
FRONT PANEL BUTTONS

1. **IR RECEIVER**
2. **DISC INDICATOR**
3. **DISC SLOT**
4. **EJECT**
   Eject disc.
5. **VOLUME**
   Rotate to increase or decrease volume.
   Press and hold to turn on / off device.
   Press to mute / unmute audio output.
6. **HOME**
   Press to open Main Menu, hold to open EQ page.
7. **FM/AM**
   Press to switch to AM/FM Tuner source.
   Press and hold to activate / deactivate TA function.
8. **DVD**
   Press to switch to DVD source.
9. **NAVIGATION**
   Press to enter Navigation mode.
   Press to switch between Navigation mode and last playback source.
   Press and hold to fade in/out info bars manually.
10. **INTERNAL MICROPHONE**
11. **SD CARD SLOT**
    For navigation use only.
12. **RESET**
    Press to initiate a hardware and software reset of device.
13. **BT**
    Press to enter Bluetooth mode.
    Press and hold to activate Bluetooth Voice Command operation.
14. **NEXT**
    Press to choose next track|title|station.
    Press and hold to fast forward.
15. **PREVIOUS**
    Press to choose previous track|title|station.
    Press and hold to fast rewind.
16. **ALT**
    Function can be set in System Setup.
    Press and hold to open Video Setup.
17. **SMART DIAL**
    Rotate to move a cursor up and down.
    Press to confirm a selection.

NOTE:

■ Pressing the RESET button will invoke a hardware and software reset. It's suggested to export your system settings to a USB flash drive.
For more detailed information how to export your system settings, please see chapter "MAIN DEVICE SYSTEM SETUP: IMPORT / EXPORT SYSTEM SETTINGS" of this user manual.

MAIN REMOTE CONTROLS



MAIN REMOTE CONTROLS

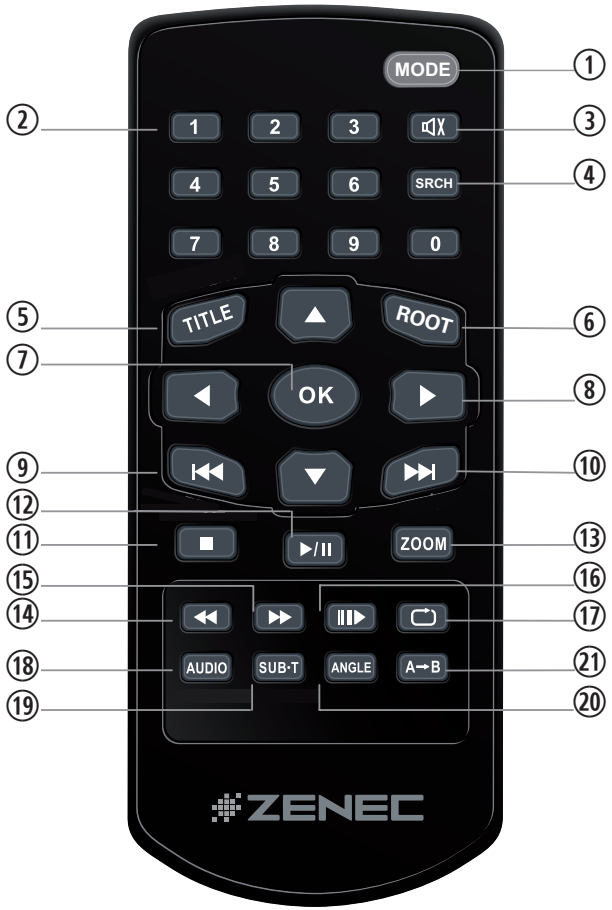
1. **SOURCE**
   Choose between playing modes
2. **PREVIOUS**
   Press to choose the previous track, title or chapter
   Press to decrease the receiving frequency to search for a radio station
   Press and hold to fast rewind
3. **VOLUME-**
4. **MUTE**
   Mute/Unmute audio playback
5. **VOLUME+**
6. **PLAY/PAUSE**
7. **NEXT**
   Press to choose the next track, title or chapter
   Press to increase the receiving frequency to search for a radio station
   Press and hold to fast forward
8. **POWER**
   Turn on/off device
9. **LED**
10. **LOCK FOR BATTERY COVER**
11. **ON/OFF SWITCH FOR REMOTE CONTROL**
    Turn on/off remote control

NOTE:

- Some functions may not be available; depending on selected source, mode and type of media.

M-ZONE REMOTE CONTROL

Remote Control Buttons



M-ZONE REMOTE CONTROL

1. **MODE**
   Change source
2. **KEYPAD**
   Input track/chapter/title
3. **MUTE**
   Mute/un-mute audio output
4. **GOTO**
   Open numeric onscreen keypad
5. **TITLE**
   Open DVD Title menu
6. **ROOT**
   Open DVD main menu
7. **OK**
   Play/Pause; Confirm
8. **DIRECTION BUTTONS**
   Select item; move cursor
9. **SKIP PREVIOUS**
   Jump to previous track/preset/ chapter/title
10. **SKIP NEXT**
    Jump to next track/preset/ chapter/title
11. **STOP**
    Stop playback
12. **PLAY/PAUSE**
    Play/pause playback
13. **ZOOM**
    Zoom in/out
14. **FAST REVERSE**
    Fast reverse
15. **FAST FORWARD**
    Fast forward
16. **SLOW**
    Slow motion playback
17. **REPEAT**
    Repeat track/chapter/title
18. **AUDIO**
    Change DVD audio language
19. **SUB-T**
    Change DVD subtitle
20. **ANGLE**
    Change DVD viewing angle
21. **REPEAT A->B**
    Set start and end point at DVD to repeat

NOTE:

- Some functions may not be available; depending on selected mode and type of media.

BASIC OPERATION OF MAIN DEVICE

POWER ON/OFF

Correctly installed, your device will power on together with the ignition of the vehicle. Ignition off: It's not possible to turn on the device. When the ignition is activated, you may switch the device on and off anytime, using the front panel POWER/VOL button.

SELECT A SOURCE

Enter Main Menu:

- Via Touchscreen:

  Touch the icon in the upper left corner of the screen.

- Via HOME button:

  Push HOME button to enter Main Menu.

Operation at Main Menu:

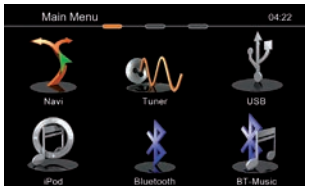
The Main Menu consists of three pages.

There are two basic ways to get there:

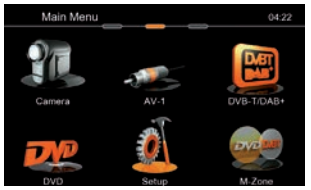
- Slide — You can slide the two pages back and forth. Just slide your fingertip onscreen in the respective direction.

- Bar — Tap on any of the two rectangular markers in the top area of the screen to select first or second page.

Entering the Main Menu, provides access to all sources, modes and settings.



Main Menu 1



Main Menu 2

M-Zone

ADJUST LOCAL LANGUAGE

Tap second header button or slide to second page. Choose SETUP > GENERAL > LANGUAGE and adjust to your likings. You might want to adjust some other basic settings. See chapter "Main Device System Setup".

BASIC OPERATION OF MAIN DEVICE

Basic elements (for all playback sources)

Display & control elements:

❶ Indicates current source.
- Tap to enter Main Menu.

❷ Indicates when NAV infobar is available.
- Tap to display NAV infobar.
- Tap again to hide it.

❸ Indicates Bluetooth connection status.
- Tap to enter Bluetooth mode.
- White icon means inactive Bluetooth connection.
- Orange icon means active Bluetooth connection.

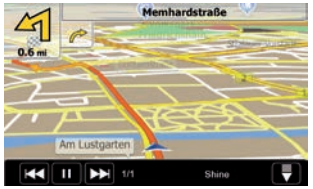
④ Mobile phone GSM reception field strength.

⑤ Roaming indicator.

⑥ Connected mobile phone battery status.

Three infobar styles

Navigation infobar



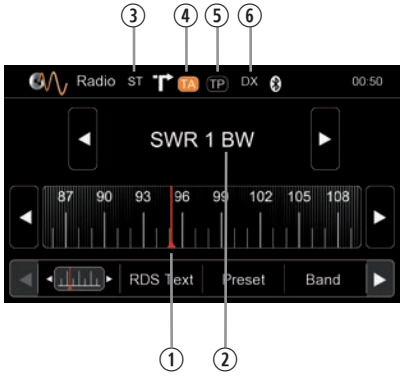
Playback infobar

Bluetooth infobar

NOTE:

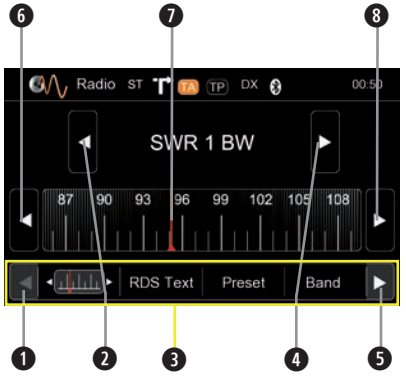
- Press and hold the NAV button to fade in/out the infobar manually. Touch the icon to fade out the infobar manually.
- NAV infobar is only available during active route guidance.
- An incoming call or new playback information triggers the automatic pop-up of the other infobar types at NAV screen. They will fade out after five seconds.

RADIO OPERATION



Display elements:

① Red line marks current frequency
② Frequency or station name
③ Stereo reception indicator
④ Traffic announcement status
⑤ Traffic announcements on carrier
⑥ LOC/DX status



Control elements:

❶ Scroll left
❷ Previous station
❸ Tap to select center display content
❹ Next station
❺ Scroll right
❻ 50 kHz down
❼ Drag to adjust frequency
❽ 50 kHz up

RADIO OPERATION

RDS text allows a radio station to transmit free-form textual information that can be either static e.g. station slogans or in sync with the programming such as the title and artist of the currently playing song or even short ads. Availability depends on region, reception quality and carrier.

Select preset or save a preset. Press and hold a center button to save a new frequency as preset.

To select a frequency band tap on one of the center buttons.

Lower bar options:

The selected item is highlighted in orange color on the screen:

AF ON/OFF: When activated, AF function automatically switches to an alternative frequency (AF) of your chosen station, in order to always offer the best possible reception quality.

TA ON/OFF: When activated, the radio temporarily switches, for the duration of the traffic announcement, to tuner mode.

AS Searches for the next six strongest stations and saves them as preset.

SCAN Intro-scan of all stations in reception range. You can hear each station for a short moment. Choose a station you like by pressing scan again.

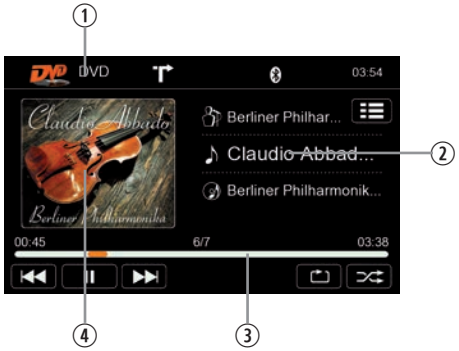
REG ON/OFF: At certain daytimes some stations divide their program into regional subprograms. The REG function prevents your receiver from switching to an alternative frequency with different content.

LOC /DX Touch LOC/DX to omit or allow reception of stations with weak signals. If LOC is activated it will exclusively tune to strong stations.

NOTE:

- This unit features an RDS tuner. RDS is a system which transmits data on top of the FM radio signal. Availability and content of the RDS data depend on the respective broadcast station and its signal strength. RDS does, for example, transmit alternative frequencies, which allow for frequency changes without user interaction. AM band doesn´t support RDS functions.
- You need to have the AF function activated in order to use the RDS feature. However, the AF function is activated ex factory.

OPERATION OF CD/DVD SOURCE

Playback Page:

Display elements:

① Source
② ID3 tag info
③ Progress bar
④ Album Art

Control elements:

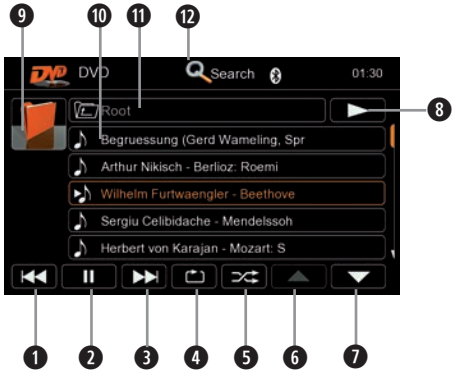
❶ Previous track
❷ Play/Pause
❸ Next track
❹ Repeat
❺ Shuffle
❻ Switch to Playlist Page

OPERATION OF CD/DVD SOURCE

Playlist Page:

Display elements:

① CD/DVD mode
② Track/folder
③ Current folder



Control elements:

❶ Previous track
❷ Play/Pause
❸ Next track
❹ Repeat
❺ Shuffle
❻ Cursor up
❼ Cursor down
❽ Switch to Playback Page
❾ Go to root directory
❿ Choose track/folder
⓫ Folder up
⓬ Open Search function

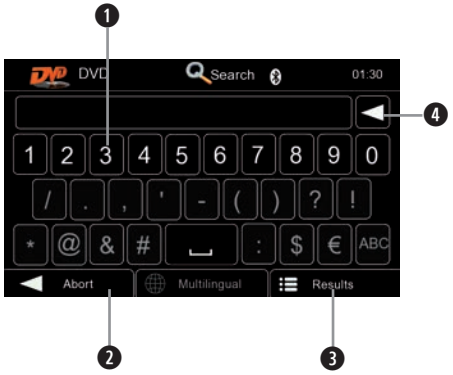
OPERATION OF CD/DVD SOURCE

Search function:

Allowing you to enter numbers to search for a specific track.

Display elements:

① Search result



Control elements:

❶ Numeric keyboard
❷ Abort Search function
❸ Show all results of Search function
❹ Delete last input

OPERATION OF CD/DVD SOURCE

Elements to control playback of video files:

Display elements:

① Current temporal position in title
② Total duration of title

Control elements:

❶ Previous title
❷ Play/Pause
❸ Next title
❹ Playback information
❺ To Playlist Page
❻ Full screen mode
❼ DVD settings

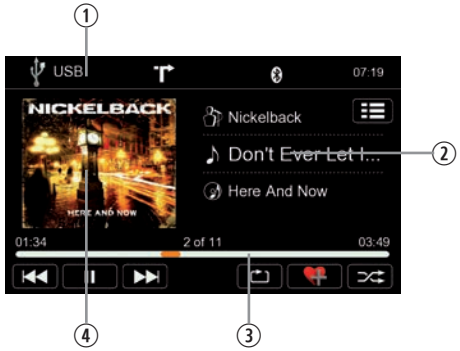
NOTE:

See www.zenec.com for:

■ Compatible file formats and possible restrictions.

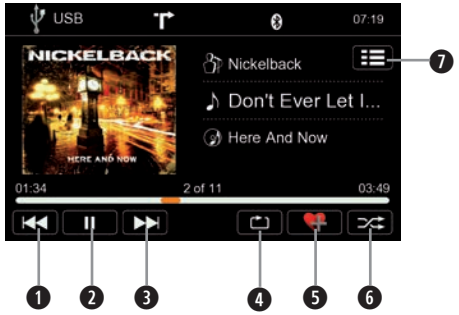
OPERATION OF USB SOURCE

Playback Page:



Display elements:

① Source
② ID3 tag info
③ Progress bar
④ Album Art

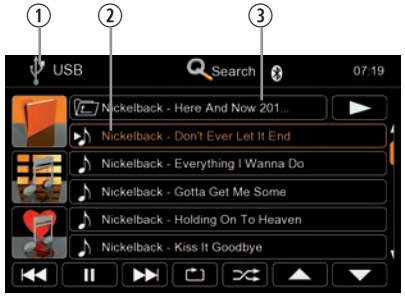


Control elements:

❶ Previous track
❷ Play/Pause
❸ Next track
❹ Repeat
❺ More like this
❻ Shuffle
❼ Switch to Playlist Page

OPERATION OF USB SOURCE

Playlist Page:


USB
Search
07:19
Nickelback - Here And Now 201...
Nickelback - Don't Ever Let It End
Nickelback - Everything I Wanna Do
Nickelback - Gotta Get Me Some
Nickelback - Holding On To Heaven
Nickelback - Kiss It Goodbye

Display elements:

① USB mode
② Track/folder/playlist ...
③ Current folder

USB
Search
07:19
Nickelback - Here And Now 201...
Nickelback - Don't Ever Let It End
Nickelback - Everything I Wanna Do
Nickelback - Gotta Get Me Some
Nickelback - Holding On To Heaven
Nickelback - Kiss It Goodbye

Control elements:

❶ Previous track
❷ Play/Pause
❸ Next track
❹ Repeat
❺ Shuffle
❻ Cursor up
❼ Cursor down
❽ Switch to Playback Page
❾ Folder sorting
❿ ID3 sorting
⓫ Playlist
⓬ Choose track/folder ...
⓭ Folder up
⓮ Open Search function

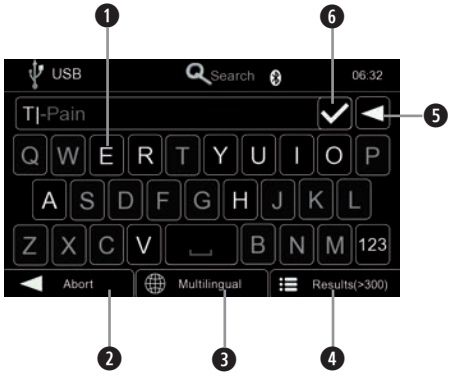
OPERATION OF USB SOURCE

Search function:

Allowing you to enter letters to search for a specific track, album etc.

Display elements:

① Search result

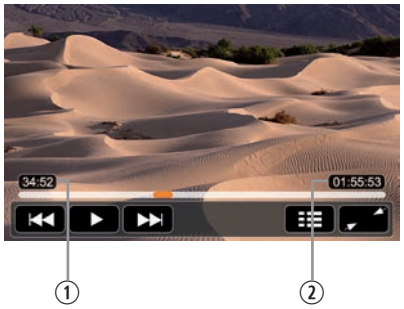


Control elements:

❶ Alphabetic keyboard
❷ Abort Search function
❸ Select among different keyboard languages
❹ Show all results of Search function
❺ Delete last input
❻ Confirm search result

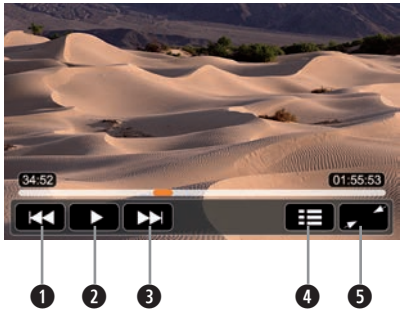
OPERATION OF USB SOURCE

Elements to control playback of video files:



Display elements:

① Current temporal position in title
② Total duration of title

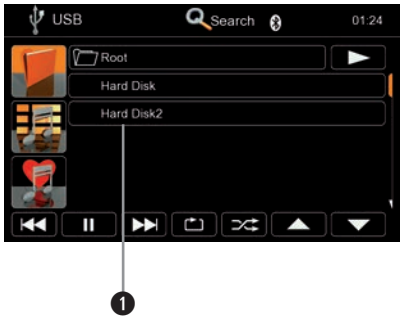


Control elements:

❶ Previous title
❷ Play/Pause
❸ Next title
❹ To Playlist Page
❺ Full screen mode

Special functions of the USB source

USB Hub

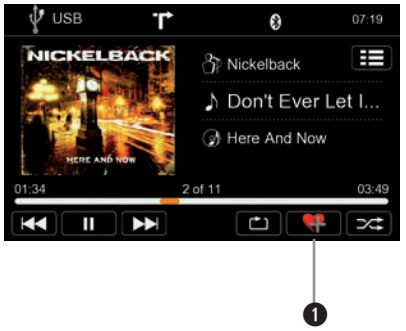


Control elements:

❶ Choose USB memory device

With two USB memory devices connected to the USB Hub, each USB stick can be selected and accessed via uppermost folder level, independently. Up to four USB memory devices can be connected and accessed / operated.

”More Like This” function



Control elements:

❶ Start “More Like This“

Tapping on the “More Like This“ field starts the generation of a playlist that is based on Gracenote meta data present on titles located on the currently selected USB memory device.
The playlists generated via “More Like This“ will only include titles, which are stored in the Gracenote data base preloaded on this device.

Playlist – “More Like This“ Overview

Control elements:

❶ Save playlist

After a playlist was generated by tapping on the “More Like This“ field, tapping on the Save field will permanently store the playlist. A maximum of five playlists can be stored.

Permanently saved playlists can be edited.

Tap and hold of a stored playlist field for two seconds will erase the selected playlist.

Using the same tap and hold operation also allows to erase single titles out of a stored playlist.

OPERATION OF USB SOURCE

- Make sure your mass storage device is FAT32 formatted.
- Directory structure of your mass storage should not exceed 400 files or folders each directory.
- Make sure that the path length of single files does not exceed 200 characters.
- Connected USB hard disks have to be formatted with FAT32 and are only allowed to consume a maximum of 400mA (peak) current. Otherwise they must be considered incompatible and can´t be used with the device.
- By using the Gracenote data base, you can meet loading times up to one minute, when selecting another USB memory device connected to the USB hub.
- Connected USB memory devices will be named hard disk 1 – 4 after power on. It's not guaranteed that memory devices keep the same after power-on.

NOTE:

See www.zenec.com for:

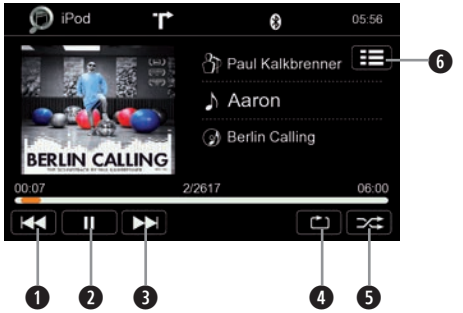
- Compatible file formats and possible restrictions.

OPERATION OF iPOD/iPHONE SOURCE

Playback Page:

Display elements:

① Source
② ID3 tag info
③ Progress bar
④ Album Art



Control elements:

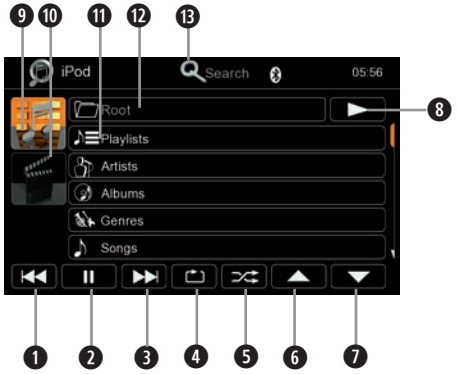
❶ Previous track
❷ Play/Pause
❸ Next track
❹ Repeat
❺ Shuffle
❻ Switch to Playlist Page

OPERATION OF iPOD/iPHONE SOURCE

Playlist Page:

Display elements:

① iPod mode
② Track/folder/playlist ...
③ Current folder



Control elements:

❶ Previous track
❷ Play/Pause
❸ Next track
❹ Repeat
❺ Shuffle
❻ Cursor up
❼ Cursor down
❽ Switch to Playback Page
❾ Switch to iPod audio mode
Go to root directory
❿ Switch to iPod video mode
⓫ Choose playlists/artists/albums ...
⓬ Folder/playlist up
⓭ Open Search function

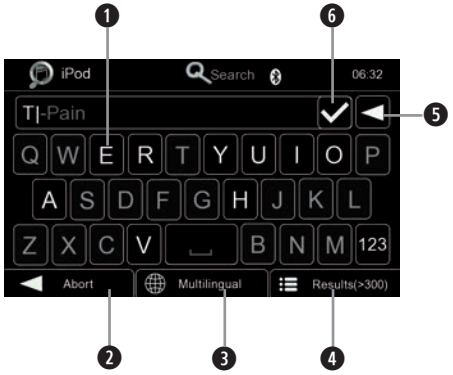
OPERATION OF iPOD/iPHONE SOURCE

Search function:

Allowing you to enter letters to search for a specific track, album etc.

Display elements:

① Search result

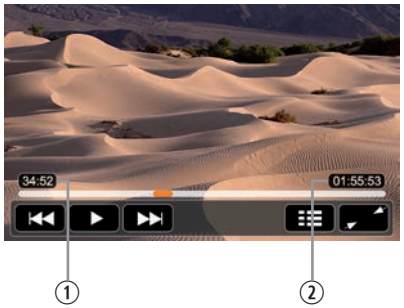


Control elements:

❶ Alphabetic keyboard
❷ Abort Search function
❸ Choose between different keyboard languages
❹ Show all results of Search function
❺ Delete last input
❻ Confirm search result

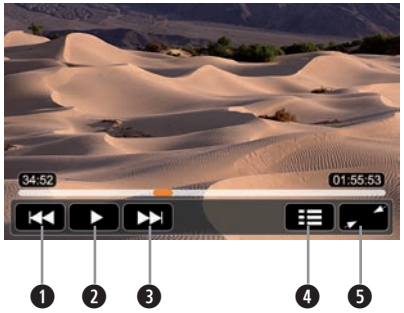
OPERATION OF iPOD/iPHONE SOURCE

Elements to control playback of video files:



Display elements:

① Current temporal position in title
② Total duration of title



Control elements:

❶ Previous title
❷ Play/Pause
❸ Next title
❹ To Playlist Page
❺ Full screen mode

OPERATION OF iPOD/iPHONE SOURCE

- Depending on the size of the search list, results may be delayed during first search. That is due to the iPod, which takes a moment to poll and provide the search index.
- iPods/iPhones may show, depending on content and sorting, an extended set of information on the Playlist Page.
- It's not possible to connect and use more than one iPod/iPhone to the USB hub.

NOTE:

See www.zenec.com for:

- Compatible file formats and possible restrictions.
- iPod/iPhone compatibility list.

Bluetooth main menu:

Control elements:

1. Onscreen keypad
2. Favorites
3. Call Log
4. Contacts
5. Bluetooth settings and device list

Bluetooth settings and device list:

Control elements:

1. Tap to open Bluetooth settings
2. Tap to open device list
3. De- or activate auto connect function
4. Choose between different pairing mode
5. Microphone selection
6. Adjust microphone gain
7. Sorting phonebook entries by first or last name

NOTE:

■ **Auto Connect:**

It's possible to deactivate the function temporally, but defaults back to activated after the next system start.
Mobile phones, which are registered in the ZENEC device list, will be connected after a system start or a short disconnection automatically.

The sequence of the mobile phones ensued by priority. Usually the ZENEC device searches for the last connected mobile phone.
Mobile phones, which were disconnected with the ZENEC device, won't be connected automatically again.
In some cases, you have to manually connect a mobile phone, if it was rarely used or the search failed often.

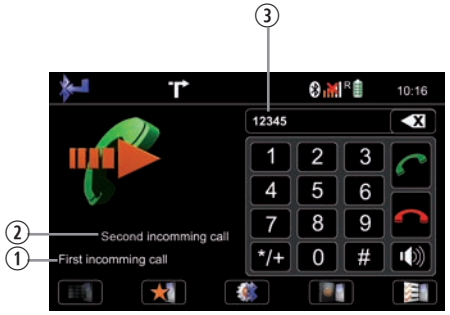
■ **Pairing Mode:**

SMART:
Do not enter a long PIN to connected your mobile phone, if your phone supports this mode.
There will be a password, displayed on the screen of the ZENEC device and the mobile phone. If they are identical, please tap to confirm.
If your mobile phone doesn't support this mode, the ZENEC device will use the PIN mode automatically.

PIN:
The ZENEC device sends a request to your mobile phone.
The ZENEC device is listed as "ZENEC C9PLUS" and requires you to enter the PIN. Please enter 1234 and confirm your input.

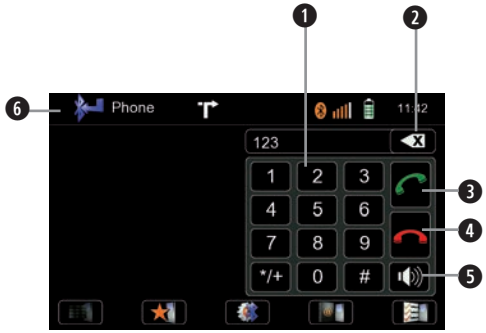
BASIC BLUETOOTH HANDS-FREE OPERATION

Accept call, dial, hang up, switch between calls:



Display elements:

① First incoming call
② Second incoming call
③ Dialled number

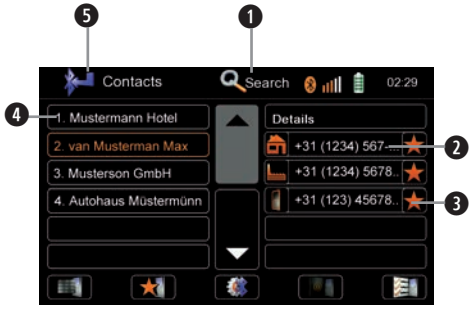


Control elements:

❶ Keypad
❷ Delete last digit
❸ Pick up call / Switch to second call
❹ Hang up active call / Back to first call
❺ Toggle to shift call between hands-free and mobile phone (privacy mode)
❻ Back to BT main menu

BASIC BLUETOOTH HANDS-FREE OPERATION

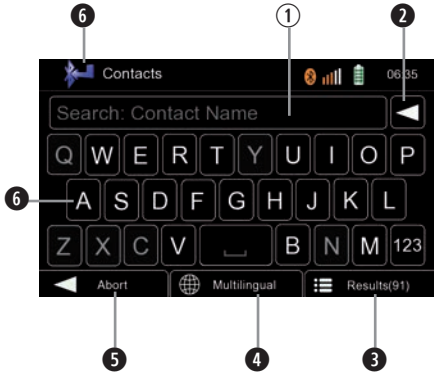
Contacts - Manage phonebook:



Control elements:

❶ Search for an entry
❷ Tap a contact number to start a call
❸ Tap on star to save as favourite
❹ Choose contact name from list
❺ Back to Bluetooth main menu

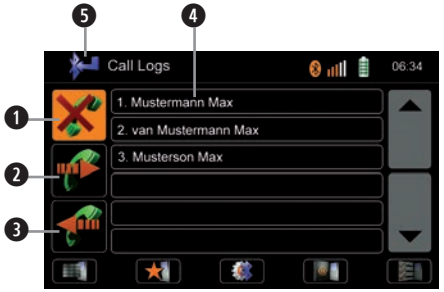
Search for an entry:



Control elements:

① Display input
❷ Tap to delete last character
❸ Show all results of search function
❹ Show between different keyboard languages
❺ Quit keypad
❻ Back to Bluetooth main menu

Call logs:



Control elements:

1. Tap to display missed call list
2. Tap to display outgoing call list
3. Tap to display incoming call list
4. Tap on contact name to call
5. Back to Bluetooth main menu

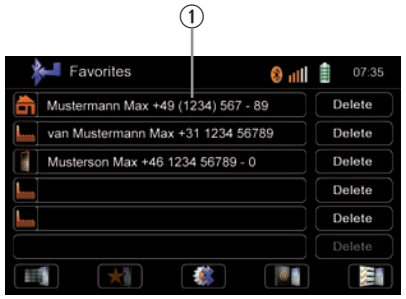
BASIC BLUETOOTH HANDS-FREE OPERATION

NOTE:

- If automatic phone book synchronisation does not work, consult the manual of your mobile phone. Some mobile phones require explicit activation of that function.
- The synchronisation, the transferring, the sorting as well as the display of the phone book entries depend on the mobile phone brand and model. If the synchronisation doesn't work properly, disconnect the mobile phone and repeat the pairing process.

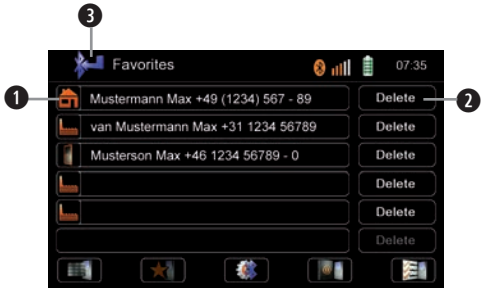
BASIC BLUETOOTH HANDS-FREE OPERATION

Manage favourites:



Display elements:

① List of favorites



Control elements:

❶ Tap to call a favourite
❷ Tap to delete a favourite
❸ Back to Bluetooth main menu

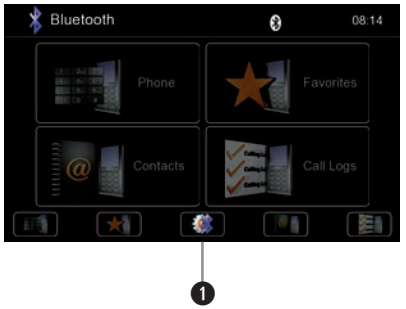
NOTE:

■ Be aware that solely terminating the connection, or deleting a connected mobile phone, does not affect the list of favorites. Favourites have to be explicitly deleted one by one.

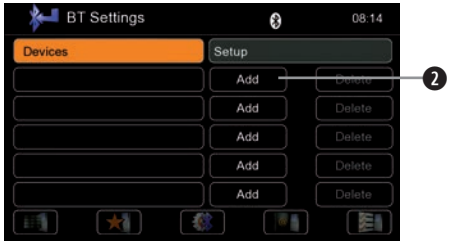
BASIC BLUETOOTH HANDS-FREE OPERATION

Pairing a mobile phone:

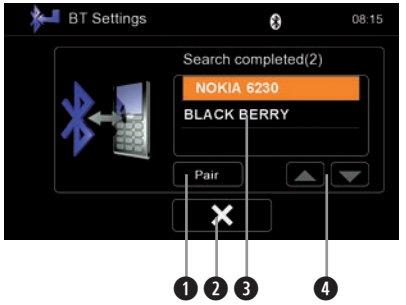
1 Enter device list.



2 Tap on "Add" to trigger a search for Bluetooth devices.



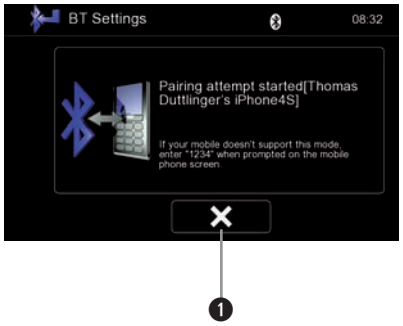
3 Choose your mobile phone from the list or retry searching. Press "Pair".



Control elements:

❶ Confirm selected mobile phone to be paired
❷ Back to Bluetooth device list
❸ Tap to select mobile phone
❹ Browse list up/down

4


BT Settings
08:32
Pairing attempt started[Thomas Duttlinger's iPhone4S]
If your mobile doesn't support this mode, enter "1234" when prompted on the mobile phone screen.
1

Control elements:

❶ Abort pairing

The ZENEC device will send a request to your mobile phone to use SMART or PIN pairing mode.
To use SMART pairing mode, please confirm the same passkey on the ZENEC device and your mobile phone.

If SMART pairing mode is not possible or PIN pairing mode is selected, a notification on your mobile phone prompts that ZENEC C9PLUS requests a PIN. Please enter 1234 on your mobile phone.

Your mobile phone is added to the pair list. The ZENEC device will connect in a few seconds.

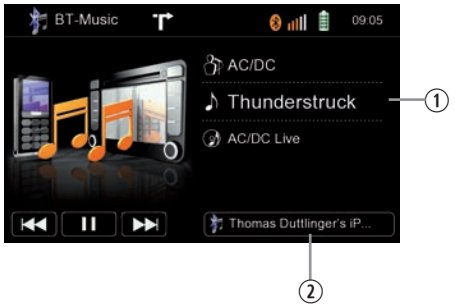
NOTE:

- Your ZENEC device is not visible for incoming pair attempts until you enter the Bluetooth settings device list.
  This is to protect from unauthorized connections requests issued outside of the car.

NOTE:

- In order to use the built-in handsfree function you need to pair and connect your mobile phone first.
- If your mobile phone is compatible and still does not appear in the search list, make sure Bluetooth is turned on and set to "visible for all devices".
- Bluetooth connections usually work within a range of approx. 8 meters. Obstacles in the way may shorten the distance.
- You can pair up to five mobile phones, and synchronise up to a thousand phonebook contacts each.
- It cannot be guaranteed, that all mobile phones can be paired and that all functions will work.
- For the "BT compatibility list" of tested and compatible mobile phones as well as the latest software updates go to www.zenec.com.

OPERATION OF A2DP STREAMING SOURCE



Display elements:

① ID3 Tag info
② Connected mobile phone

Control elements:

❶ Previous track
❷ Play/Pause
❸ Next track

OPERATION OF A2DP STREAMING SOURCE

NOTE:

- If you want to use the A2DP streaming source, please make sure that the mobile phone, which is the intended music source, was paired and connected before.
- The display of ID3 tag information will depend on the used mobile phone.

BLUETOOTH VOICE COMMAND OPERATION

Control elements:

1. A moving spinner shows system is „calculating”
2. Tap to cancel voice recognition mode
3. Tap to start (TTS based) voice control HELP
4. Tap to restart voice recognition mode
5. Microphone backlit in orange shows “waiting for voice command”
6. Tap to show contact details

1. Tap on any number field, to start a call directly
2. Microphone backlit in orange shows “waiting for voice command”
3. Tap to close contact details

BLUETOOTH VOICE COMMAND OPERATION

Voice commands in the Bluetooth hands-free mode
The speaker independent voice recognition feature allows to control call functions even easier and dial phone book contacts directly using voice commands.*
*The paired mobile phone must allow contact access.

The system will acknowledge voice command by text-to-speech (TTS) and guide you to directly perform the call function.

Activate voice control mode:
Via buttons on the device: Pressing and holding the Bluetooth button, or else by pressing the ALT key (ALT key allocation for voice control function can be adjusted under Setup / General / Driver Assist).

Via touch screen: Press and hold the Search icon in the phone book.

End voice control mode:
Via buttons on the device: Press the HOME button.

Touchscreen: By touching the field "cancel".

Via voice command: In active voice command mode, say "cancel."

Using voice commands:
Say a commands clearly and distinctly after the beep, e.g. the system asks for it. System readiness is indicated by the microphone which is highlighted in orange color.

Desired Function	Voice Command
Starting the help dialog. Works in all menus.	>help<
Return and start all over again. Works in all menus.	>restart<
Cancel or exit the voice control. Works in all menus.	>cancel<
Confirmation to call a contact, after system suggests it.	>yes<
Call a phonebook contact.	>call< contact name
Call a phonebook contact with different number location type options.	>call< contact name / number location type
Command to spell and dial a telephone number.	>Dial<
Dial a contact by spelled telephone number	>Dial< numbers
Correction of the last entry (name or digit).	>Correction<

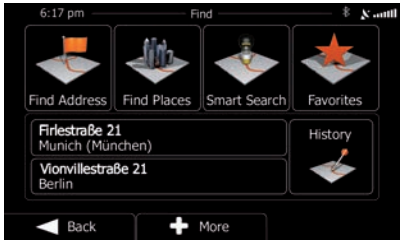
BLUETOOTH VOICE COMMAND OPERATION

NOTE:

- **Voice Command language settings:**
  The main OSD / HMI language selected on initial device setup is adopted for the voice command settings. You can however, select another language for the voice command function anytime later. To do this, go to "Setup / General / Language" and select from eight different EU languages.

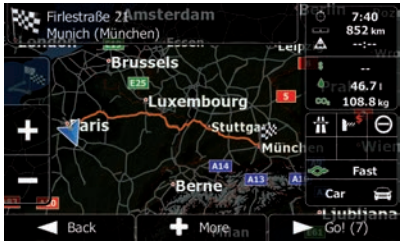
How to input a destination and start a route guidance:

Tap on "Find".



Choose your preferred destination search method. Here, in our example, choose "Find address".

Type in a city, street name, house number and confirm each step by tapping OK.



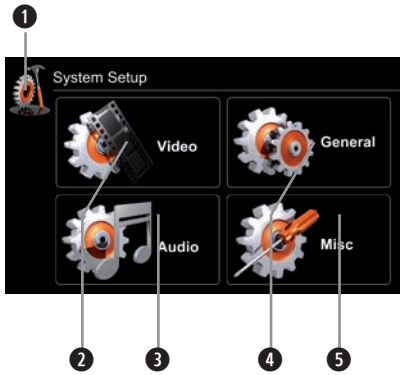
The program is now calculating the desired route. Once route calculation has completed just tap "GO!" to enter active route guidance mode.

NOTE:

- For operation and detailed description of navigation features, please refer to the separate navigation manual.
- You may listen to any playback source in route guidance mode. The navigation software automatically manages volume levels of voice guidance.
- You can change the volume level during voice guidance with the volume knob. The chosen volume level is stored.
- Audio playback is, during voice guidance, capped to volume 10. If the preset audio volume is below 10, it will be muted.

MAIN DEVICE SYSTEM SETUP

Main screen:



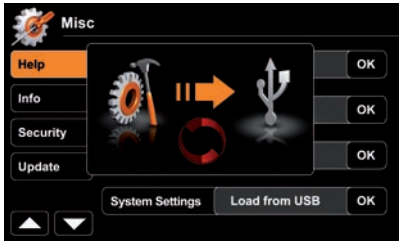
Control elements:

1. Return to the previous page. Works with all four submenus as well.
2. Tap to enter "Video" Setup.
3. Tap to enter "Audio" Setup.
4. Tap to enter "General" Setup.
5. Tap to enter "Misc" Setup.

MAIN DEVICE SYSTEM SETUP: IMPORT/EXPORT SYSTEM SETTINGS

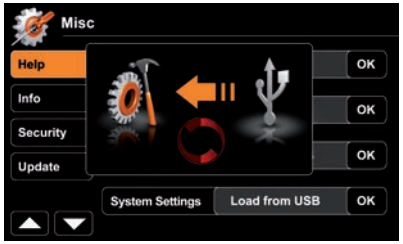
Go to Setup>Misc>Help

Export system settings:



1. Format USB flash drive with FAT32.
2. Connect USB flash drive to device.
3. Tap "OK", at System Settings-Export option, to launch file export.

Import system settings:



1. Connect USB flash drive to device.
2. Tap "OK", at System Settings-Import option, to launch import.
3. Restart device once import is completed.

NOTE:

- Make sure the USB flash drive has been FAT32 formatted.
- Refrain from manually modifying the generated export file. Re-import relies on proper file integrity.
- After adding new functions, by means of a system update, they will always be intialised with standard default values. This compensates for lacking values from the import file content.
- After a firmware update, check the update installation instructions for notes on system settings import and take them into consideration.

MAIN DEVICE SYSTEM SETUP: VIDEO

Animated picture visualises your setting during adjusting TFT screen brightness.

It´s possible to adjust the brightness of the Day-/Night TFT screen brightness separately.

Day-/Night TFT screen brightness is controlled by GPS time signal or illumination wire of the car.

Choose between two diffferent skins with different background colour for a better visibility during day or night.

Standby activation turns screen off. Apart from that, the device operates in a normal manner.

Tap on the screen to exit standby.

NOTE:

Name	Descriptor	Function	Choice/Range
Picture	TFT brightness adjustment	Brightness Day	-10... 0...10
		Brightness Night	-10... 0...10
	Brightness control	Brightness	Navi, Car
	GUI look	Skin	Auto, Day, Night

Standby	TFT off

NOTE:

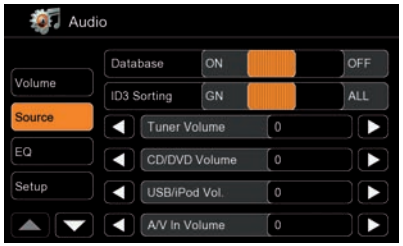
- When select “Navi” at brightness control option, you can set two different brightness values controlled by the day/night signal of Navigation system.
- When select “Car” at brightness control option, TFT brightness will be controlled by illumination wire.
- If you choose “Auto” at GUI look option, skin will be controlled by the day/night signal of Navigation system.

MAIN DEVICE SYSTEM SETUP: AUDIO

Fixing volume settings for various functions and mode.

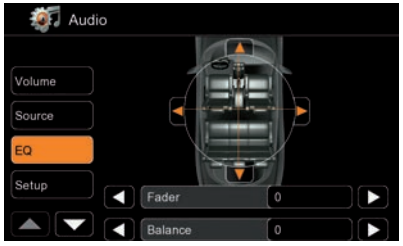
Last: Use the adjusted volume before device was turned off.

Set: Use ”Set Volume” menu items to adjust volume to fixed values.



De- or activate the use of an available Gracenote data base.

Using the Gracenote data base, you can choose between keeping the original sort sequence or using the sort criteria of the Gracenote data base.



Animated picture visualises fader and balance settings.

Animated picture visualises sub-out level.

Choice and individual adjustments of different audio settings and access to equalizerer menu.

If your vehicle is equipped with an integrated OE Soundsystem, activate parameter "OE Soundsystem" in order to avoid audio distortion.

NOTE:

Name	Descriptor	Function	Choice/Range
Audio	Volume	Start Volume	Set, Last
		Set Start Volume	1...20
		TA Volume	Set, Last
		Set TA Volume	4...32
		NAV Volume	Set, Last
		Set NAV Volume	4...32
	Source	Database	On, Off
		ID3 sorting	GN, All
		Tuner Volume	-6…0…+6
		CD / DVD Volume	-6…0…+6
		USB / iPod Volume	-6...0...+6
		A/V In Volume	-6...0...+6
		A/V In Use	A/V In, RVC
	EQ	Fader	-9...0...+9
		Balance	-9...0...+9
		EQ	OK
		Set Bass Frequency	50Hz, 100Hz, 200Hz
		Set Mid Frequency	0.5kHz, 1kHz, 2kHz
		Set Treble Frequency	5kHz, 10kHz, 15kHz
		Loudness	On, Off
	Setup	Level	-9…0…9
		X-Over Sub	55Hz, 80Hz, 120Hz
		Sub Phase	0°, 180°
		X-Over Speakers	Flat, 62Hz, 95Hz, 135Hz
		OE Soundsystem	On, Off

MAIN DEVICE SYSTEM SETUP: GENERAL

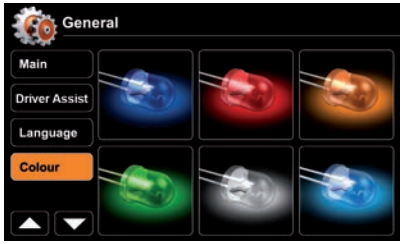
System time gets periodically updated by GPS time stamp.

Animated picture visualises your chosen driver assist setting.

Choose between different functions for the ALT button.

Choose reverse mute "On" to mute audio signal when reverse gear is engaged.

Shown flag visualises the chosen OSD and BT voice language.



Tap on LED to set front panel button background illumination.

NOTE:

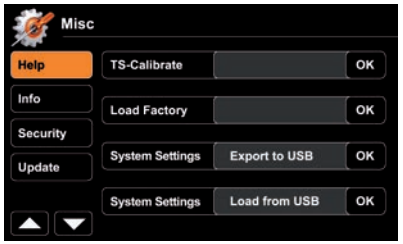
Name	Function	Choice/Range
Main	Beep	On, Off
	Radio area	Europe, Latin, USA
	Bluetooth	On, Off
	Volume Pop-Up	On, Off
	Antenna supply	On, Off

Driver assist	Parking assist	Off, Rear view camera, OPS*
	ALT button	Infobar, Voice Cmd, Standby, Camera, A/V In
	Reverse mute	On, Off

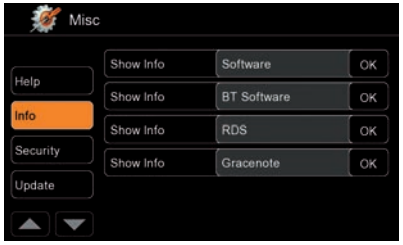
Language	OSD	Set OSD language
	BT Voice	Set language for Bluetooth voice command operation.

Color	Key Illumination	Tap on LED to set front panel button background illumination

MAIN DEVICE SYSTEM SETUP: MISC



You may export/import your system settings to/from a USB flash drive.
A helpful feature, to restore your device settings after a software update, reset or a complete power disconnection.



Display installed Main System software versions.

Activate password function to secure device in case of temporary disconnection from power supply (theft).

Use an arbitrary 4-digit code. The password code is “0000” by default.

Press "OK" to launch a software update. For preparation and details, consult the accompanying update installation instructions BEFORE you run software updates.

NOTE:

Name	Function	Choice/Range
Help	TS Calibrate	OK starts touchscreen calibration.
	Load factory	OK loads factory settings.
	System Settings	Export settings to USB.
	System Settings	Load settings from USB.
Info	Show Info	Software
	Show Info	BT Software
	Show Info	RDS
	Show Info	Gracenote
Security	Password enable	On, Off
	Password	OK sets password.
Update	Update	OK starts software update.

NOTE:

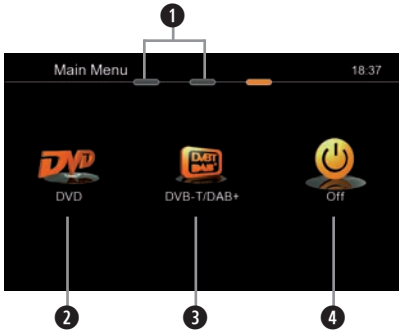
- Compare installed software versions with potentially newer versions listed on www.zenec.com.

EXTERNAL PLAYBACK AND SOURCES

M-Zone

Control elements:

1. Direct access to DVB-T / DAB+
2. Direct access to M-Zone



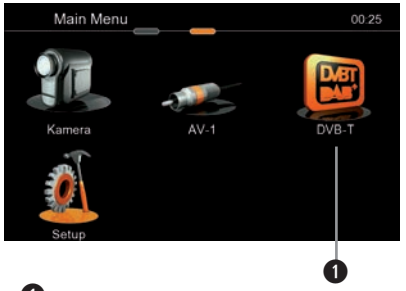
Control elements:

1. Direct access to main menu
2. Choose DVD
3. Choose DVB-T / DAB+
4. Deactivate M-Zone

NOTE:

- With deactivated M-Zone you will not see any signal on connected M-Zone monitors (blackscreen).
- The M-Zone volume cannot be adjusted on the device. Use the control elements of the connected peripherals (i.e. roof monitor) instead, to adjust the volume.
- If the M-Zone and the front zone get both fed by one and the same media source, the M-Zone stereo output won't be muted.
- The headunit does not memorize that the M-Zone has been activated after shutting off. Therefore you have to reselect the M-Zone after each re-start.

OPERATION OF EXTERNAL DVBT / DAB+ SOURCES



Control elements:

1. Direct access to DVB-T or DAB+.

Control elements:

1. Tap into the upper right corner in the DVB-T / DAB+ screen to return to the Main Menu.

NOTE:

- For DVB-T or DAB+ reception you need to connect an external ZENEC DVB-T or DAB+ receiver. For a compatibility check out the user manual and the compatibility list of the ZENEC DVB-T or DAB+ receiver in advance.
- Compatible DVB-T and DAB+ devices offer direct operation via touchscreen of the headunit.
- It's not possible to connect a DVB-T and DAB+ receiver at the same time.

GLOSSARY

NOTE:

- The following features are device-dependent. Please pay attention to the chapter “Specifications” of this user manual to learn more about the specific features of your ZENEC device.

TOUCH PANEL

The functions of the device functions can be controlled directly via the touch-sensitive touchscreen TFT LCD panel.

PICTURE RESOLUTION/LED BACKLIGHT

Describes the screen resolution in pixels. The device features LED backlight illumination. A uniform panel illumination, high panel brightness and highest life span of the product are assured.

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PHASE DIVERSITY FM TUNER

Device features phase diversity FM dual tuner for vehicles that are OE equipped with a twin antenna system.

FM TUNER WITH DSP

The analog radio receiver front-end also combines a specific DSP software algorithm to provide noise canceling for low level FM station broadcast signals for a more clear radio playback quality.

DVD

The disc loader can play DVD media.

XVID

Xvid is the container format of choice. Over 90% of present-day AVI files are encoded with Xvid.

USB

The device features a USB port 2.0; all hardware compliant to this USB standard is supported.

USB HUB

The device comes with a USB extension wire on its backside, allowing to connected the USB 2.0 hub blackbox. The USB hub allows to connect up to three USB 2.0 storage devices (up to 64 GB) and a ZENC-IPS interface for iPod / iPhone.

GRACENOTE PLAYLIST PLUS™

The Gracenote “More Like This” feature stands for the „one-click“ generation of style and genre based playlists in USB playback mode by pre-selectinga single song/track. In addition, the normalization function based on the Playlist Plus™ database and a selected artist or song, fills in info showing up around title/artist/album in USB playback mode (if iD3 tag is not complete).

SD/SDHC

The device can play SD cards up to 2 GB and SDHC cards from 2 to 8 GB.

microSD/SDHC

The device can play micro SD and SD cards up to 2 GB and SDHC cards from 2 to 8 GB.

GLOSSARY

PARROT BLUETOOTH-TECHNOLOGY

The device deploys a Bluetooth module from the market leader Parrot. The integrated voice guidance and in particular the DSP based echo and noise cancelling provide most convenient hands-free calling with highest speech intelligibility.

A2DP + AVRCP 1.3

The unit supports A2DP audio streaming and allows stereo audio playback over Bluetooth. The protocol supports AVRCP 1.3, i.e the functions play, stop and track skip forward / backward.

A2DP + AVRCP 1.4

The unit supports A2DP audio streaming and allows stereo audio playback over Bluetooth. The protocol supports AVRCP 1.4, i.e the functions play, stop, track skip forward / backward as well as title / artist info.

BT VOICE RECOGNITION + COMMAND

Voice Recognition / voice Command is a TTS-based user-independent voice recognition to control call features* in the Bluetooth menu, e.g. dialing of phonebook contacts via voice command. Voice commands are available for eight different languages (DE, UK, FR, IT, ES, NL, TR, RU). *Coupled phone must allow access of phonebook contact data.

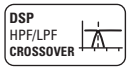
MADE FOR iPOD/iPHONE

You can connect an iPod/iPhone to the device. The playback of the iPod/iPhone can be directly controlled through the touchscreen of the device (optional interface cable required).

24 BIT D/A CONVERTER

Device features 24 Bit Digital-to-Analog-Converter for best signal noise ratio and high resolution playback of digital audio files.

DSP HPF/LPF CROSSOVER



The device features an internal DSP with active crossover functions, processing both the pre-amp line-level signals and the speaker outputs (internal amplifier), with selectable high-pass and low-pass frequencies and 12dB/oct. crossover slopes. This function provides for best integration of active subwoofers in both passive or active system configurations.

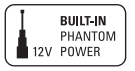
LINE-OUT

Describes the number of pre-amplifier outputs and the maximum output voltage.

LINE-OUT

Describes the number of pre-amplifier outputs and the maximum output voltage.

12 V PHANTOM POWER SUPPLY



Device features switchable built-in 12 V antenna phantom power supply for active antenna systems.

MULTICOLOR

The key illumination color of the device can be chosen from a set of preselected colors.

DAY/NIGHT MODE HMI

The unit features a built in light sensor with ambient light sensor logic control and day / night switching of the contrast optimized HMIs, respectively. This provides maximum contrast for daylight conditions and does reduce glare at night.

DVB-T READY

The device can be combined with a separately available ZENEC DVB-T tuner, featuring full touchscreen compatibility.

DAB+ READY

Device is touchscreen compatible with ZENEC DAB+ tuner model(s).

SECURITY CODE

The device features a software controlled security code, to prevent hardware against thieves.

FULL EUROPE

The map data covers all European countries, including Switzerland.

GLOSSARY

NAV SPLITSCREEN

The device allows navigation map picture-in-picture overlay mode on the TFT LCD screen for all audio sources, including the Bluetooth hands-free mode.

MULTISENSOR DEAD RECKONING

Devices with dead reckoning process gyro and speed pulse sensor data.
By interpolation of velocity and direction, accurate dynamic positioning is ensured even in areas where GPS satellite signal is unavailable (eg, parking garages, tunnels, cities with skyscrapers).

TMC - TMC PRO READY

The device includes a TMC receiver. The TMC PRO function can be activated online against a license fee (optional) at www.zenec.naviextras.com.

8 GB SDHC NAV MEMORY

The device is equipped with a SD card slot exclusively for use with the included 8 GB SD card for navigation, contained in the set (no audio / video playback).

8 GB MICRO SDHC NAV MEMORY

The device is equipped with a micro SD card slot exclusively for use with the included 8 GB micro SD card for navigation, contained in the set (no audio / video playback).

8 GB ON-BOARD NAV MEMORY

Device contains 8 GB Nand flash memory for navigation software and map data on main pc board.

STALK INTERFACE INCLUDED

Set contains a Stalk/CAN interface, to enable data transfer and car specific integration of device with target vehicles and steering wheel remote controls and/or CAN bus.

STALK INTERFACE READY

Allows connection of a Stalk/CAN interface to be purchased separately, that supports vehicle specific functions such as CAN turn-on/off and/or steering wheel controls.

DRIVER INFO DISPLAY INTEGRATION

Device communicates with driver info display to show radio station and track info of A/V sources as well as navigation turn key arrows, if applicable.

ONBOARD COMPUTER INTEGRATION

Device taps into the Vauxhall on-board computer, allowing to adjust date and time settings of vehicle directly over touchscreen.

PARKING RADAR INTEGRATION

Device integrates OE park radar systems, showing graphical park radar HMI dynamically on the screen.

OE ACTIVE SOUND SYSTEM INTEGRATION

Device connects to and is able to drive OE installed active sound systems (i.e. factory installed multichannel amplifiers).

A/C INFO

The device supports the climate status data present in the CAN net. User operation of the climate control system such as temperature, fan speed, heated seats controls are read and status change is displayed on the TFT LCD screen by a pop-up.

DVB DIGITAL VIDEO BROADCASTING

DVB is a digital video broadcasting standard, for transmission of digitally encoded A/V content.

TROUBLESHOOTING

Problem	Cause	Solution
GENERAL		
Unit will not power on.	Radio fuse blown.	Install new fuse with correct rating.
	Car battery fuse blown.	Install new fuse with correct rating.
	Illegal operation.	Press the RESET button.
No/low audio output.	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Only one channel is playing.	Check the balance and fader adjustments.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections or replace the speaker cable.
	Mute is activated.	Turn off the Mute function.
Poor sound quality or distortion.	Speaker power rating not compatible with unit.	Connect proper speakers.
	Speaker is shorted.	Check speaker connections.
TFT MONITOR		
No image.	The parking brake is not engaged.	Stop vehicle in a safe place and apply parking brake.
	The "Monitor off"-function is activated.	Touch the monitor to activate the display.

DVD-PLAYER			
Disc does not play back.	[Bad Disc]	Disc is warped or scratched.	Use disc in good condition.
	[Bad Disc]	Disc is dirty or wet.	Clean disc with soft cloth.
	[Unknown Disc]	Incompatible disc is used.	Use compatible disc.
	[Unknown Disc]	Disc rating exceeds parental lock rating limit.	Change parental lock settings to lower restriction.
	[Region Error]	Disc region code is not compatible with unit.	Use disc with proper region code.
	[Bad Disc]	Disc is inserted upside down.	Insert disc with label side up.
Cannot insert disc.		Disc already inside unit.	Eject current disc and insert new one.

SPECIFICATIONS Z-E3715

NAVIGATION
- 3D High-Definition splitscreen motor-caravan navigation
- SD card based navigation system (on 8 GB memory card)
- Premium P.O.I. bundle with over 10 million destinations and additional EU Camping POI package
- TTS Pro voice guidance for 28 different spoken languages
- Realistic 3D rendering of terrains and landmarks, Tunnel-View, 3D
- Auto-Zoom for crossings and roundabouts, Real Junction View
- Eco and Smart Route Planning, Calculation of Real-Time Route Alternatives, Parking Around Algorithm, Detour Hint function etc.
- Outlook address import, Driver Alerts etc.
- Input option for vehicle specific data (height, width, length, weight, trailer etc.)
- TMC and TMC Pro receiver
- 30 Days Latest Map Guarantee

BLUETOOTH
- Parrot Bluetooth hands-free module
- DSP audio processing for background noise masking
- Synchronization of up to 1‘000 phonebook entries with 5 numbers per entry
- Advanced phonebook contact search function
- Voice control of phonebook contact dialing functions in 8 different EU languages
- Selectable internal or external BT microphone

MULTIMEDIA/AUIDIO
- DVD loader – compatible media/formats: CD, CD-R/RW, MP3, WMA, DVD, DVD±R, DVD-MP3, AVI, Xvid
- USB hub allocating three USB 2.0 memory devices (each up to 32 GB)
- Compatible USB file formats: MP3, WMA, AVI, Xvid
- Gracenote “More Like This” for USB audio source and “one-click” generation of playlists by selection of one track
- BT-music streaming via A2DP with AVRCP 1.4
- DSP crossover with HPF / LPF function
- 4 x 40 watts amplifier
- 24 bit D/A converter
- Made for iPod and iPhone

GENERAL FEATURES
- 6.2“/15.7 cm 16:9 TFT-LCD touchscreen with HMI for 24 different languages
- FM RDS tuner with DSP noise masking and 30 preset stations (18 FM/12 AM)*
- Multi zone function
- 2 x IR-remote control

CONNECTIVITY
- 4.2 RCA preamp line outputs (4V)
- 2.0 RCA preamp line outputs (fixed level)
- 2 x RCA composite video outputs (NTSC)
- 1 x RCA A/V-input (CVBS) for optional RVC use and microphone audio-in
- 1 x RCA video input for rear view camera (CVBS) with auto-switching function
- Connectivity for touchscreen compatible DAB+ or DVB-T devices

VEHICLE INTEGRATION FEATURES
- Optional steering wheel remote control integration via CAN/Stalk interface
- Multi color key illumination

* The vehicle must be fitted with a motor-caravan vehicle body compliant antenna installation, or else requires retrofitting of such a system, to provide ample FM signal levels.

⚠ **NOTE:** SPECIFICATIONS AND DESIGNS OF THIS MODEL ARE NECESSARILY SUBJECT TO CHANGE WITHOUT NOTICE.

WARRANTY 2 YEARS

Dear customer,

Thank you for purchasing this ZENEC product. It is advisable to keep the original packaging material for any future transporting of the product. Should your ZENEC product require warranty service, please return it to the retailer from whom it was purchased or the distributor in your country. This ZENEC product is warranted against defective materials or workmanship for a period of TWO years from date of purchase at retail to the original purchaser.

WARRANTY LIMITATIONS

This warranty does not cover any damage due to:

1. Improper installation, incorrect audio or mains connection(s).
2. Exposure to excessive humidity, fluids, heat sun rays or excessive dirt or dust.
3. Accidents or abuse, unauthorized repair attempts and modifications not explicitly authorized by the manufacturer.

This warranty is limited to the repair or the replacement of the defective product at the manufacturer's option and does not include any other form of damage, whether incidental, consequential or otherwise. The warranty does not cover any transport costs or damages caused by transport or shipment of the product. Warranty work will not be carried out unless this warranty certificate is presented fully completed with model, serial number, purchaser's address, purchasing date and dealer stamp together with the original sales slip!

ZENEC MODEL: Z-E3715

Serial number: .....

Date of purchase: .....

Your name: .....

Your address: .....

City: .....

State: ..... ZIP or postal code: .....

Country: .....

Dealer's address & stamp

RoHS 2 COMPLIANT 2011/65/EU

E24 10R-04 1203

- If at any time in the future you should need to dispose this product, please note that waste electrical products are not be disposed with the household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive).

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Check with your Local Authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive).

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Check www.zenec.com for compatibility of your mobile phone model and its compatibility with the Parrot BT section of your ZENEC device.

Check www.zenec.com for the compatibility and potential limitations of devices to be connected – i.e. iPod/iPhone models listed to be compatible with the ZENEC device of choice.

The driver of a car with a ZENEC navigation or multimedia system installed should know and follow the local traffic laws/traffic regulations existing in the country of use.

GRACENOTE EULA

Gracenote® End User License Agreement

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SIVR VOICE COMMANDS – LANGUAGE MATRIX

Command functions controlled by voice	English (en-GB) Valid voice commands	Français (fr-FR) Commandes vocale valides	Deutsch (de-DE) Gültige Sprachkommandos	Italiano (it-IT) Comandi vocali validi
<_CALL_CONTACT_LOCATION_>	call <contact name> [<location type>]	(appelle | appeler) <nom du contact> [<type de numéro>]	<Kontakt Name> [<Typ Rufnummer>] Anrufen	chiama <nome del contatto> [<tipo di numero>]
<_CALL_NAME_>	call	appeler	Anrufen	chiama
<_DIAL_NUMBER_>	dial [number]	composer [[un] numéro]	[Nummer] Wählen	componi [[un] numero]
<_DIAL_DIGITS_>	dial <sequence of digits>	composer [le] <séquence de chiffres>	Wähle <Abfolge von Einzelnummern>	componi [il] <sequenza di cifre>
<_CANCEL_>	cancel | abort	annuler	Abbrechen	annulla
<_HELP_>	help | what can i say?	aide | que [puis-je] dire ?	Hilfe | Was kann ich sagen?	aiuto | che (posso | devo) dire?
<_RESTART_>	restart	redémarrer	Neustart	ricomincia
<_CONTACT_>	<contact name>	<nom du contact>	<Kontakt Name>	<nome del contatto>
<_CONFIRM_>	yes | confirm	oui | confirmer	Ja | Bestätigen	si | confermare
<_CONFIRM_NUMBER_>	dial | call	composer | appeler	Wählen | Anrufen	componi | chiama
<_CORRECT_NUMBER_>	correction	corriger	Korrigieren	correggi
<_HOME_>	[at] home	[à la] maison | [au] domicile	[zu] Hause | Privat	[a] casa
<_WORK_>	[at [the]] office | [at] work	[au] travail | [au] bureau	Geschäftlich | [in seinem | in ihrem | im] Büro | [auf der | bei der] Arbeit	[al] lavoro | [all'] ufficio
<_MOBILE_>	[on] (mobile | cellular | cell) [phone]	[sur le | sur son] [téléphone] (portable | mobile | cellulaire)	[auf] [seinem | ihrem | dem] Handy	[sul] ([telefono] (cellulare | portatile | mobile) | telefonino)
<_OTHER_>	other	autre	sonstige | andere	altro
<_DEFAULT_>	preferred | default | general	préféré | par défaut | général	bevorzugt | gewünscht | allgemein | Standard	preferito | predefinito | generale
+ (plus)	plus	plus	plus	più
# (hash)	hash | pound	dièze	raute	cancelletto
* (star)	star	étoile	stern	asterisco

SIVR VOICE COMMANDS – LANGUAGE MATRIX

Command functions controlled by voice	Español (es-ES) Comandos válidos de voz	Nederlands (nl-NL) Geldig spraakcommando's	Türk (tr-TR) Geçerli ses komutlari	Русский (ru-RU) действительный голосовых команд	中國普通話 (zh-CN) 有效的語音命令
<_CALL_CONTACT_LOCATION_>	(llame | llamar) <nombre de contacto> [<tipo de número>]	bellen <volgorde van de cijfers> [<soort nummer>]	<İletişim adı> [<alan>] aramak	вызов <имя контакта> [<тип расположения>]	呼叫 <聯繫人姓名> [<位置類型>]
<_CALL_NAME_>	llame | llamar	bellen	aramak	вызов	呼叫
<_DIAL_NUMBER_>	marcar [[un] número]	[nummer] intoetsen	[numara] çevirmek	набрать [номер]	拨打[数字]
<_DIAL_DIGITS_>	marcar [el] <combinación de cifras>	intoetsen <volgorde van de cijfers>	<Tek tek numara sırala> çevirin	набрать <последовательность цифр>	撥打<數字號碼>
<_CANCEL_>	cancelar	annuleren	iptal etmek	отмена	取消|终止
<_HELP_>	ayuda | qué puedo decir	help | wat moet ik zeggen?	yardım | ne diyeyebilirim?	помощь | что сказать?	帮助|我们讲哪些词？
<_RESTART_>	reiniciar	terug	Yeniden başlat	перезагрузка	终止
<_CONTACT_>	<nombre de contacto>	<contactpersoon>	<İletişim adı>	<имя контакта>	<聯繫人姓名>
<_CONFIRM_>	sí | confirmar	ja | bevestigen	evet | onaylamak	да | подтвердить	拨打|呼叫
<_CONFIRM_NUMBER_>	marcar | llamar	intoesten | bellen	numara çevirmek | aramak	набрать | вызов	拨打|呼叫
<_CORRECT_NUMBER_>	cancelar	corrigeren	düzeltmek	исправить	改正
<_HOME_>	[a la] casa	[aan] huis | thuis	ev [de]	дома | дом	[他]家
<_WORK_>	[a la] oficina | [al] trabajo	[op het] werk | [op] kantoor	ofis [imde | te] | iş [im | te]	офис | в офисе | [на] работе	（[他]办公室|工作）[电话]
<_MOBILE_>	[teléfono] (celular | móvil)	[op de] (mobiele telefoon | mobiel | GSM) | [op het] mobieltje	cep [telefon] [dan]	[на] (сотовый | сотовый | мобильный) [телефон]	（[他]移动|蜂窝）[电话]
<_OTHER_>	otro	overige	Diğer	прочие	其它[号码]
<_DEFAULT_>	preferido | defecto | general | por omisión	algemeen | voorkeur	Standart	любимые | по умолчанию	默认[号码]
+ (plus)	más	plus	artı	плюс	加号
# (hash)	almohadilla | cardinal	hekje	kare	решетка | решетка	井号
* (star)	asterisco	sterretje	yıldız	звездочка	星号

EC DECLARATION OF CONFORMITY

EC DECLARATION OF CONFORMITY

ZENEC

TOUCH ANOTHER WORLD

ZENEC by
ACR Braendli + Voegeli AG
Bohrturmweg 1
5330 Bad Zurzach
Switzerland

Hereby declares under our sole responsibilily that the products:

Description of object:	In-Car Navigation Device
Name of object:	ZENEC E>GO for Motorhome
Type name of objects:	Z-3715

are conform to the essential requirements of the:

European Vehicle EMC Directive 72/245/EEC, including all modifications up to 2009/19/EC dated 12.03.2009 including proof for complience with following standards: CISPR25 (2nd edition 2002)
ISO 11452-2 (2nd edition 2004)

Radio and Telecommunications Terminal equipment Directive, R&TTE 1999/5/EC

The following harmonized European Standards have been applied:

ECE R 10-04		Type approval of an electrical / electronic sub-assembly under Regulation Nr. 10
EN 55022:2006	Class B	Information Technology equipment - Emission Limits and Methods
EN 55024:1998 + A1:2001 + A2:2003		Information Technology equipment Immunity Limits and Methods
EN 61000-3-2:2006	Class D	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:1995 + A1:2001 + A2:2005		Electromagnetic compatibility (EMC) - Part 3: Limits - Section 3: Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current <= 16 A
EN 301 489		EMC and Radio Spectrum Matters (ERM)
	Part 1 V1.5.1	Common Technical Requirements
	Part 17 V1.2.1	Specific Conditions for 2,4 GHz Wideband Transmission Systems and 5GHz high Performance RLAN equipment
ISO 7637-2:2004		Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only
EN 60950-1:2006		Information technology equipment – Safety – Part 1: General requirements (IEC 60950-1:2005, modified)
2002/96/EC		Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), Product is in accordance with the European WEEE Directive, RoHS Directive and the German ElektroG.
2002/95/EC (2008/385/EC)		
2011/65/EC		RoHS2 Directive, revised and extended by Annex II.

Declared by:

Andre Grossenbacher, Chief Technology Officer

Bad Zurzach (Place) | 03.08.13 (Date) | (Signature)

Roland Braendli, Managing Director

Bad Zurzach (Place) | 03.08.13 (Date) | (Signature)

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NOTES

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